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(74) Agent: **SMAGGASGALE, Gillian, Helen**; W.P. Thompson & Co., 55 Drury Lane, London WC2B 5SQ (GB).

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(71) Applicant (*for all designated States except US*): **DAVY PROCESS TECHNOLOGY LIMITED** [GB/GB]; 20 Eastbourne Terrace, London W2 6LE (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **WOOD, Michael, Anthony** [GB/GB]; 28 Fir Tree Close, Hilton, Yarm TS15 9JZ (GB). **CRABTREE, Simon, Peter** [GB/GB]; 4 Durham Road, Durham, DH1 5AL (GB). **TYERS, Derek, Vincent** [GB/GB]; The Barn, Cowesby, Thirsk, North Yorkshire, YO7 2JL (GB).

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(54) Title: **HOMOGENEOUS PROCESS FOR THE HYDROGENATION OF DICARBOXYLIC ACIDS AND/OR ANHYDRIDES THEREOF**

(57) Abstract: A homogeneous process for the hydrogenation of dicarboxylic acids and/or anhydrides in the presence of a catalyst comprising: (a) ruthenium, rhodium, iron, osmium or palladium; and (b) an organic phosphine; wherein the hydrogenation is carried out in the presence of at least about 1 % by weight water and wherein the reaction is carried out at a pressure of from about 500 psig to about 2000 psig and a temperature of from about 200 °C to about 300 °C such that from about 1 mol to about 10 mol of hydrogen are used to strip 1 mole of product from the reactor.

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